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L8: Entry 8 of 8

File: USPT

Nov 20, 1984

US-PAT-NO: 4483851

DOCUMENT-IDENTIFIER: US 4483851 A

TITLE: Treatment for contagious equine metritis

DATE-ISSUED: November 20, 1984

INT-CL: [3] A61K 31/70

US-CL-ISSUED: 424/180

US-CL-CURRENT: 514/23; 514/931

FIELD-OF-SEARCH: 424/180

Production and characterization of monoclonal antibodies against Taylorella equigenitalis.

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Veterinary research (FRANCE) 1997, 28 (1) p65-76, ISSN 0928-4249
Journal Code: BR0

Languages: ENGLISH

Document type: JOURNAL ARTICLE

JOURNAL ANNOUNCEMENT: 9708

Subfile: INDEX MEDICUS

Monoclonal antibodies were produced against **Taylorella equigenitalis** using two reference strains. Out of the 79 **hybridoma** clones shown to express antibodies to T equigenitalis by indirect immunofluorescence assay, 16 were selected for **monoclonal** antibody production and characterization. These clones recognized different field strains of T equigenitalis isolated in France. They showed no cross-reaction with bacterial strains with previously reported antigenic cross-reactivity, nor did they react with other bacteria commonly found in genital flora. The epitopes recognized by eight of the **monoclonal** antibodies were situated in proteins of 150, 120, 52.7 and 22 kDa. These epitopes were resistant to the extraction denaturing conditions. These **monoclonal** antibodies could be used as reagents for specific detection of T equigenitalis.

MEANS FOR DETECTING BACTERIA OF THE TAYLORELLA EQUIGENITALIS SPECIES AND
THEIR BIOLOGICAL APPLICATIONS
MOYENS POUR LA DETECTION DE BACTERIES DE L'ESPECE TAYLORELLA
EQUIGENITALIS ET APPLICATIONS BIOLOGIQUES

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Patent and Priority Information (Country, Number, Date):

Patent: WO 9739034 A1 19971023

Application: WO 97FR649 19970411 (PCT/WO FR9700649)

Priority Application: FR 964623 19960412

Designated States: AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES

FI GB GE GH HU IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN

MW MX NO NZ PL PT RO RU SD SE SG SI SK TJ TM TR TT UA UG US UZ VN YU GH

KE LS MW SD SZ UG AM AZ BY KG KZ MD RU TJ TM AT BE CH DE DK ES FI FR GB

GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: French

Filing Language: French

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Monoclonal antibodies, immunogens and anti-antibodies specific for
Taylorella equigenitalis - for diagnosis, treatment and prevention of
contagious equine metritis

Patent Assignee: (CONS-) CONSEIL GEN L'ORNE

Author (Inventor): KLEIN F; GRADINARU D

Patent (basic)

Patent No	Kind Date	Examiner Field of Search
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WO 9739034	A1 971023 (BASIC)	
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Derwent Week (Basic): 9748

Priority Data: FR 964623 (960412)

Applications: FR 964623 (960412); AU 9726416 (970411); WO 97FR649 (970411)

Designated States

(National): AL; AM; AT; AU; AZ; BA; BB; BG; BR; BY; CA; CH; CN; CU; CZ;
DE; DK; EE; ES; FI; GB; GE; GH; HU; IL; IS; JP; KE; KG; KP; KR; KZ; LC
; LK; LR; LS; LT; LU; LV; MD; MG; MK; MN; MW; MX; NO; NZ; PL; PT; RO;
RU; SD; SE; SG; SI; SK; TJ; TM; TR; TT; UA; UG; US; UZ; VN; YU

(Regional): AT; BE; CH; DE; DK; EA; ES; FI; FR; GB; GH; GR; IE; IT; KE;
LS; LU; MC; MW; NL; OA; PT; SD; SE; SZ; UG

Derwent Class: B04; C06; D16; S03

Int Pat Class: A61K-039/395; A61K-048/00; C07K-014/195; C07K-014/285;

C07K-016/12; C07K-016/42; C12N-005/06; C12N-005/18; G01N-033/569

Number of Patents: 003

Number of Countries: 076

Number of Cited Patents: 001

Number of Cited Literature References: 003

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L8: Entry 7 of 8

File: USPT

Jul 16, 1996

US-PAT-NO: 5536638

DOCUMENT-IDENTIFIER: US 5536638 A

TITLE: Hybridization probes derived from the spacer region between the 16S and 23S
rRNA genes for the detection of Neisseria gonorrhoeae

DATE-ISSUED: July 16, 1996

INT-CL: [6] C12Q 1/68, C12P 19/34, C07H 21/04

US-CL-ISSUED: 435/6; 435/91.2, 536/24.32, 536/24.33, 935/77, 935/78, 935/8

US-CL-CURRENT: 435/6; 435/91.2, 536/24.32, 536/24.33

FIELD-OF-SEARCH: 435/6, 435/91.2, 536/24.32, 536/24.33, 935/8, 935/17, 935/77,
935/78